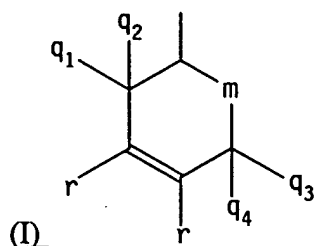


SubB1
E0
12. (Amended) An oxygen scavenging composition, comprising a polymeric backbone, cyclic olefinic pendant groups, and linking groups linking the olefinic pendant groups to the polymeric backbone; and

a transition metal catalyst; -

wherein the cyclic olefinic pendant groups have the structure (I):



wherein q_1 , q_2 , q_3 , q_4 , and r are independently selected from hydrogen, methyl, or ethyl;

m is $-(CH_2)_n-$, wherein n is an integer from 0 to 4, inclusive; and, when r is hydrogen, at least one of q_1 , q_2 , q_3 , and q_4 is also hydrogen.

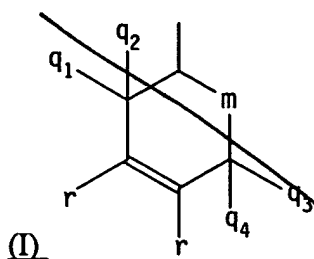
SubB27
30. (Amended) An article of manufacture suitable as a container, the container inhibiting oxidation of contents of the container by removing oxygen from the container and by inhibiting ingress of oxygen into the container from outside the container,

wherein the article comprises an oxygen scavenging composition which comprises a polymeric backbone, cyclic olefinic pendant groups, and linking groups linking the olefinic pendant groups to the backbone, and

a transition metal catalyst;

wherein the cyclic olefinic pendant groups have the structure (I):

Sub 321
cont



wherein q_1 , q_2 , q_3 , q_4 , and r are independently selected from hydrogen, methyl, or ethyl;

m is $-(CH_2)_n-$, wherein n is an integer from 0 to 4, inclusive; and, when r is hydrogen, at least one of q_1 , q_2 , q_3 , and q_4 is also hydrogen.

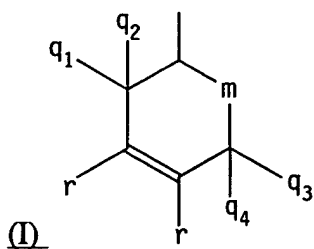
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61. (Amended) A layer suitable for scavenging oxygen, comprising:

(a) a polymer backbone;

(b) cyclic olefinic pendant groups wherein the cyclic olefinic pendant groups have

the structure (I):



wherein q_1 , q_2 , q_3 , q_4 , and r are independently selected from hydrogen, methyl, or ethyl;

m is $-(CH_2)_n-$, wherein n is an integer from 0 to 4, inclusive; and, when r is hydrogen, at least one of q_1 , q_2 , q_3 , and q_4 is also hydrogen;

(c) linking groups linking the backbone with the pendant groups; and

Sub 321

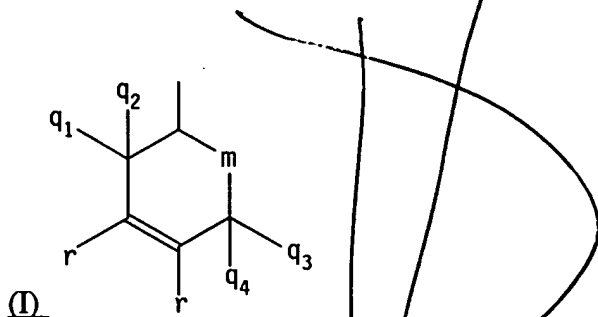
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can modify

~~(d) a transition metal catalyst.~~

78. (Amended) A process of making a polymer material by a process selected from the group consisting of esterification, transesterification, amidation, transamidation, and direct polymerization, wherein the polymer material comprises a polymer backbone, cyclic olefinic pendant groups, and linking groups linking the backbone with the pendant groups;

wherein the cyclic olefinic pendant groups have the structure (I):



wherein q₁, q₂, q₃, q₄, and r are independently selected from hydrogen, methyl, or ethyl;
m is -(CH₂)_n-, wherein n is an integer from 0 to 4, inclusive; and, when r is hydrogen, at least one
of q₁, q₂, q₃, and q₄ is also hydrogen.

Also, please amend claims 2 and 4-11, line 1 of each, by deleting "composition" and inserting --compound-- therefor.

REMARKS

Support for amendments